



**US Army Corps
of Engineers®**

Cuyahoga River Old Channel, Cleveland, OH

Great Lakes Legacy Act Technical Support

U.S. Environmental Protection Agency Economy Act

Project Location: The project is located in the Cuyahoga River Old Channel (CROC), in Cleveland, OH. The project is part of the Cuyahoga River Area of Concern (AOC).



Description of Problem: The Old Channel of the Cuyahoga River in Cleveland, Ohio is a dead end channel formed when the mouth of the Cuyahoga River silted in after a ship channel was cut through to Lake Erie in 1827. As a result, contaminated sediments have built up over its varied history. These contaminants have been associated with fish tumors and other deformities, as well as degradation of benthos.

Proposed Project: Project objectives broadly consist of environmental restoration activities in the vicinity of the terminus of the Cuyahoga River. The project will consist of construction and closure of

a containment basin within CDF 12, dredging in subareas of the Cuyahoga Old River Channel that are to be dredged without capping, transport and disposal of sediment in the contaminant basin, and placement of an approximate 6-inch residual layer in the dredged areas.

Partners and Collaboration: U.S. Environmental Protection Agency, City of Cleveland, Port of Cleveland.

Project Benefits: The primary objective of this project is to remediate sediments that pose toxicity to benthic organisms and fish within the CROC, and the greater Cuyahoga AOC. Additional objectives include: reducing potential for transport of contaminated sediments from the CROC to the main river channel; reducing the potential for fish consumption advisories within the Lower Cuyahoga River; and providing economic benefits and facilitating capital improvements to area operations.

Project Status: The Project Delivery Team has begun working on Detailed Design Report for dredging within the Old Channel. The team will also review landfill placement for dredged material.

Estimated Project Costs	
Federal	\$750,000
Non-Federal	
Total	\$750,000

Project Milestones	
Begin Detailed Design Report	Oct 2021
Begin Plans and Specs	Mar 2022

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